ABSTRACT OF THE DISCLOSURE

The invention is directed to a face detection method. In the method, an image data in a YCbCr color space is received, wherein a Y component of the image data to analyze out a motion region and a CbCr component of the image to analyze out a skin color region. The motion region and the skin color region are combined to produce a face candidate. An eye detection process on the image is performed to detect out eye candidates. And then, an eye-pair verification process is performed to find an eye-pair candidate from the eye candidates, wherein the eye-pair candidate is also within a region of the face candidate.

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